ACTIVATE Science Team Meeting and Open Data Workshop

Day 1 - Monday 13 Nov

Topic	Presenter/Moderator	Time (MST; local Tucson, AZ)
Welcome/Introductions/Logistics/Goals	Sorooshian	8:30
Team Progress to Date	Sorooshian	8:40
Data details	Sorooshian	9:00
SOOT for ACTIVATE: reaching aerosol research communities	ASDC TBD	9:15
Science Talks		
Tropospheric Aerosols Over the Western North Atlantic Ocean During May-June ACTIVATE 2021 and 2022: Transport, Distribution, and Sources	Liu	9:30
CO/CO2 and aerosol composition data	Silva	9:45
Project Update	Gao/Redemann	10:00
Break		**10:15**
Organic surface coating analysis and modeling	Wang	10:30
Updates on multiple projects (Xu, Siu, Cutler)	Zeng Group	10:45
ASTER work	Seethala	11:00
Project updates	Crosbie	11:15
Updates on multiple projects (Edwards, Soloff, Ajayi)	Sorooshian Group	11:30
LUNCH		**11:50**
Project update	Chen (remote presentation)	13:30
Project update	Li	13:45
Project update	Tang	14:00
Project update	Zhang	14:15
Break		**14:30**
Cold air outbreak analysis	Zuidema	14:45
Modeling team close-out strategy	Volunteer moderators? (Wang, Zeng, Tornow)	15:00
-How to integrate the three years of observations for model evaluation and further modeling efforts (from LES, single-column modeling to global modeling), in addition to the summary of past and current modeling activities.		
-Synthesis paper saying something about how ACTIVATE improved/assess modeling of clouds and ACI?		
Break		**16:00**
EVS-4 updates	Martin	16:20
Open discussion on data usage lessons	Sorooshian	16:30
-Examples		
Co-location of aircraft		
LWP		
Cloud screening		
Aerosol proxy variables for ACI		
Best anthropogenic tracers		
Others?		
Adjourn		**17:00**

Day 2 - Tuesday Nov 14		Time (MST; local Tucson, AZ)
Science Talks		
Advancing Field Campaign Data Quality Assurance Through Closure of In-Situ and Remote Sensing Data Sets	Dmitrovic	13:30
Absorbing aerosol vertical profiles over Bermuda	Ziemba	13:45
		14:00
		14:15
Break		**14:30**
More volunteers		14:45
		15:00
		15:15
Formal Poster Session		15:30
Adjourn		**17:00**
Day 3 - Wednesday Nov 15		
Topic	**Presenter/Moderator**	**Time (MST; local Tucson, AZ)**
Recap of Day 2	Sorooshian	9:00
What can we conclude about how well we did to figure out the ACI problem? (philosophical open discussion…what can we claim we did?; what could we have done better?)…important for overview paper and close-out review meeting	Sorooshian	9:05
Did the flight approach work?…important for overview paper and close-out review meeting	volunteer	9:45
How necessary is an ACTIVATE-type mission sequel? What would an improved version look like?	volunteer	10:15
Break		**10:45**
Open period for discussion and also closing/thanks remarks	Sorooshian	11:15
Adjourn		12:00